

Amendments to the Claims:

Please amend the claims as follows:

Claim 1 (Currently amended): A fluid dispenser (1) for dispensing a metered volume of a fluid product (2) having:-

- (a) a storage chamber (52) for storing the fluid product in;
- (b) a dispensing outlet (22) through which the fluid product is dispensable from the dispenser;
- (c) a metering chamber (73) which is adapted to provide the metered volume of the fluid product for dispensing through the dispensing outlet by movement of the metering chamber between a contracted state (Fig. 2A) and an expanded state (Fig. 2D), movement of the metering chamber from its contracted state to its expanded state placing the metering and storage chambers in fluid communication to enable the metering chamber to receive from the storage chamber an excess volume of the fluid product comprising the metered volume and a surplus volume; and
- (d) a bleed arrangement (55a, 55b) adapted to bleed the surplus volume of the fluid product from the metering chamber;

wherein:-

- (e) the metering chamber is defined by a boundary wall having first (43) and second (28) sections, the first and second sections being movable relative to one another to move the metering chamber between the expanded and contracted states;
- (f) at least one transfer port (55a, 55b) is formed in the first section of the metering chamber boundary wall through which the fluid product is transferable from the storage chamber to the metering chamber when the metering chamber is moved to the expanded state; and
- (g) an outlet port (22) is provided in the second section through which the fluid product is transferable from the metering chamber to the dispensing outlet.

Claim 2 (Original): The dispenser of claim 1, wherein the first section of the metering chamber boundary wall and the storage chamber are provided by a container unit which is movably mounted in the dispenser.

Claim 3 (Currently amended): The dispenser of claim 1 [[or 2]], wherein the transfer port is selectively opened and closed when the metering chamber moves between its expanded and contracted states.

Claim 4 (Currently amended): The dispenser of claim 1[[, 2 or 3]], wherein the transfer port is closed when the metering chamber is at an intermediate state between its expanded and contracted states.

Claim 5 (Original): The dispenser of claim 4, wherein the metering chamber has a volume corresponding to, or substantially corresponding to, the metered volume when at the intermediate state.

Claim 6 (Currently amended): The dispenser of claim 4 [[or 5]], wherein the transfer port is closed when the metering chamber moves between the intermediate and contracted states and open when the metering chamber moves between the intermediate and expanded states.

Claim 7 (Currently amended): The dispenser of claim 1 ~~any one of the preceding claims~~, wherein the metering chamber is movable between its expanded and contracted states by movement of the first section in the dispenser relative to the second section.

Claim 8 (Original): The dispenser of claim 7, wherein the second section is stationary in the dispenser.

Claim 9 (Currently amended): The dispenser of claim 1 ~~any one of the preceding claims~~, wherein the second section is adapted in use to selectively open and close the transfer port.

Claim 10 (Currently amended): The dispenser of claim 2 or any claim appended thereto, wherein the container unit is adapted in use to operate as a pump mechanism for filling and emptying of the metering chamber.

Claim 11 (Currently amended): The dispenser of claim 1 any one of the preceding claims, wherein movement of the metering chamber from its contracted state to its expanded state causes a pressure difference between the metering and storage chambers which results in the excess volume of the fluid product being drawn into the metering chamber.

Claim 12 (Currently amended): The dispenser of claim 1 any one of the preceding claims, wherein movement of the metering chamber from its expanded state to its contracted state pumps the metered volume of the fluid product out of the metering chamber.

Claim 13 (Currently amended): The dispenser of claim 1 any one of the preceding claims in which the metering chamber is repeatedly movable between its different states thereby enabling the dispenser to repeatedly dispense a metered volume of the fluid product.

Claim 14 (Currently amended): The dispenser of claim 1 any one of the preceding claims further having a valve mechanism which is adapted in use to keep the dispensing outlet closed until the bleed arrangement bleeds the surplus volume of the fluid product from the metering chamber.

Claim 15 (Original): The dispenser of claim 14 in which the valve mechanism is adapted to open the dispensing outlet as the metering chamber moves to its contracted state and to re-close the dispensing outlet when the contracted state is reached.

Claim 16 (Currently amended): The dispenser of claim 1 any one of the preceding claims further having a valve mechanism at the outlet port which is adapted to only

allow the metered volume of the fluid product to be transferred to the dispensing outlet.

Claim 17 (Original): The dispenser of claim 16, wherein the valve mechanism is configured to close the outlet port except when the metering chamber moves to its contracted state after the bleed arrangement bleeds the surplus volume of the fluid product therefrom.

Claim 18 (Currently amended): The dispenser of claim 14 any-one-of-claims-14-to-17 in which the valve mechanism is a non-return valve mechanism.

Claim 19 (Currently amended): The dispenser of claim 1 any-one-of-the-preceding claims in which the dispensing outlet is in a nozzle of the dispenser.

Claim 20 (Original): The dispenser of claim 19, wherein the nozzle is configured as a mouthpiece or a nasal nozzle.

Claim 21 (Currently amended): The dispenser of claim 1 any-one-of-the-preceding claims in which the bleed arrangement is adapted in use to bleed the surplus volume of the fluid product in the metering chamber to the storage chamber.

Claim 22 (Original): The dispenser of claim 21, wherein the bleed arrangement is adapted in use to bleed the surplus volume of the fluid product to the storage chamber through the transfer port.

Claims 23 – 33 (Canceled)

Claim 34 (Currently amended): The dispenser of claim 2 or any claim appended thereto in which the container unit is mounted for translational movement in the dispenser.

Claim 35 (Original): The dispenser of claim 34 having an axis along which the container unit, in use, moves.

Claim 36 (Original): The dispenser of claim 35 in which the storage and metering chambers are located on the axis.

Claim 37 (Currently amended): The dispenser of claim 35 [[or 36]], wherein the outlet port is located on the axis.

Claim 38 (Currently amended): The dispenser of claim 35[[, 36 or 37]] in which the dispensing outlet is located on the axis.

Claim 39 (Original): The dispenser of claim 38 in which the outlet port and the dispensing outlet are at opposed ends of an axial channel of the dispenser.

Claim 40 (Currently amended): The dispenser of claim 19 or-any-claim-appended thereto in which the storage chamber, metering chamber and nozzle are configured in-line.

Claim 41 (Currently amended): The dispenser of claim 1 any-one-of-the-preceding claims in which the storage chamber, metering chamber and outlet port are configured in-line.

Claim 42 (Currently amended): The dispenser of claim 1 any-one-of-the-preceding claims, wherein the first section of the metering chamber boundary wall is mounted for sliding movement on the second section of the metering chamber boundary wall.

Claim 43 (Original): The dispenser of claim 42, wherein the first section of the metering chamber boundary wall is sealingly slidably mounted on the second section of the metering chamber boundary wall.

Claim 44 (Currently amended): The dispenser of claim 35 any one of claims 35 to 39 and claim 42 or claim 43, wherein the first section of the metering chamber boundary wall presents at least a portion of an axially-oriented side of the metering chamber.

Claim 45 (Original): The dispenser of claim 44, wherein the transfer port is provided in the axially-oriented side of the metering chamber.

Claim 46 (Currently amended): The dispenser of claim 1 any one of the preceding claims, wherein the first section of the metering chamber boundary wall presents a movable end wall of the metering chamber.

Claim 47 (Currently amended): The dispenser of claim 1 any one of the preceding claims in which the first section of the metering chamber boundary wall has a generally U-shape.

Claim 48 (Currently amended): The dispenser of claim 44 claims 44, 46 and 47, wherein the first section of the metering chamber boundary wall presents a movable end wall of the metering chamber in which the first section of the metering chamber boundary wall has a generally U-shape, and wherein the end wall of the metering chamber is presented by the base of the U-shape and the side of the metering chamber is presented by the knobs of the U-shape.

Claim 49 (Currently amended): The dispenser of claim 44, [[45 or 48,]] wherein the second section of the metering chamber boundary wall is presented by a structure having an axially-oriented surface on which the side of the metering chamber is slidably mounted.

Claim 50 (Original): The dispenser of claim 49, wherein the axially-oriented surface of the structure is an outer surface.

Claim 51 (Currently amended): The dispenser of claim 1 any-one-of-the-preceding claims, wherein the second section of the metering chamber boundary wall presents an end wall of the metering chamber.

Claim 52 (Currently amended): The dispenser of claim 1 any-one-of-the-preceding claims, wherein the second section of the metering chamber boundary wall is presented by a generally U-shape structure.

Claim 53 (Currently amended): The dispenser of claim 49 or 50 and claims 51 and 52 wherein the second section of the metering chamber boundary wall presents an end wall of the metering chamber, and wherein the second section of the metering chamber boundary wall is presented by a generally U-shape structure in which the base of the U-shape structure presents the end wall of the metering chamber and the limbs of the U-shape structure present the axially-oriented surface.

Claim 54 (Currently amended): The dispenser of claim 1 any-one-of-the-preceding claims in which the first section of the metering chamber boundary wall is formed by a female depression in an outer surface of the container unit.

Claim 55 (Original): The dispenser of claim 54 in which the second section of the metering chamber boundary wall is formed as a male projection which is inserted into the female depression.

Claim 56 (Currently amended): The dispenser of claim 54 [[or 55]] in which the depression extends into the storage chamber.

Claim 57 (Original): The dispenser of claim 56 in which the storage chamber surrounds the depression.

Claim 58 (Currently amended): The dispenser of claim 1 any one of the preceding claims in which at least a portion of the storage chamber surrounds the metering chamber.

Claim 59 (Original): The dispenser of claim 58 in which the at least a portion of the storage chamber is concentrically arranged with the metering chamber.

Claim 60 (Currently amended): The dispenser of claim 1 any one of the preceding claims in which the metering chamber has zero volume, or substantially zero volume, when in its contracted state.

Claim 61 (Original): The dispenser of claim 60, wherein the first and second sections of the metering chamber boundary wall abut in the contracted state.

Claim 62 (Original): The dispenser of claim 61, wherein the first and second sections of the metering chamber boundary wall are of complementary shape.

Claim 63 (Currently amended): The dispenser of claim 61 [(or 62)] in which the first and second sections nest in the contracted state.

Claim 64 (Currently amended): The dispenser of claim 1 any one of the preceding claims in which the first section of the metering chamber boundary wall closes off the outlet port in the contracted state of the metering chamber.

Claim 65 (Currently amended): The dispenser of claim 1 any one of the preceding claims which is hand-held.

Claim 66 (Currently amended): The dispenser of claim 1 any one of the preceding claims having a manually-operable actuating mechanism for actuating movement of the metering chamber between its different states.

Claim 67 (Currently amended): The dispenser of claim 66 when appended to claim 2 wherein the first section of the metering chamber boundary wall and the storage chamber are provided by a container unit which is movably mounted in the dispenser, and in which the actuating mechanism has a manually-engageable actuator member which is operatively coupled to the container unit to move the container unit such that the metering chamber completes a cycle between its different states.

Claim 68 (Original): The dispenser of claim 66 in which the actuating mechanism has a manually-engageable actuator member movably mounted on the dispenser, movement of the actuator member causing a complete cycle of movement of the metering chamber between its different states.

Claim 69 (Currently amended): The dispenser of claim 67 [(or 68)] adapted such that movement of the actuator member in a single direction causes a complete cycle of the metering chamber between its different states.

Claims 70 – 82 (Canceled)

Claim 83 (Currently amended): The dispenser of claim 1 ~~any one of the preceding claims~~ in which the bleed arrangement is adapted such that the surplus volume of the fluid product is caused to bleed from the metering chamber by movement of the metering chamber from the expanded state towards the contracted state

Claims 84 – 89 (Canceled)

Claim 90 (Currently amended): A dispenser unit having a dispenser according to claim 1 ~~any one of the preceding claims~~ in which the dispensing outlet is a dispensing outlet of the unit through which the metered volume of the fluid product is, in use, dispensed to the external environment.

Claims 91 – 96 (Canceled)